












Standard Coverage Sprinkler Quick Reference Guide

This guide is intended for general reference only. Prior to the design, layout, and/or installation of any sprinkler system, please refer to Viking's technical documentation and always consult with the AHJ. Viking makes no representation or warranty as to whether following this guide will satisfy any rule or requirement. Please visit www.vikinggroupinc.com for the most current technical data and product specifications. All products must be installed in accordance with the manufacturer's current installation instructions. Viking reserves the right to change product specifications at any time without notice and without incurring obligation.



Light, Ordinary, and Extra Hazard

Standard Response

	Pendent	Upright	Conventional	Stainless Steel Upright	Stainless Steel Pendent
5.6 K	VK1021 (p/n 19915, 23099 (HP)) Temp Range 135-286°F  GB **	VK1001 (p/n 19914, 23098 (HP)) Temp Range 135-286°F  GB **	VK1181 (p/n 22100) Temp Range 155-360°F  GB **	VK130 (p/n 05012B) Temp Range 155-500°F  GB	VK132 (p/n 06483B) Temp Range 155-500°F  GB
8.0 K	VK2021 (p/n 19923) Temp Range 135-286°F  GB **	VK2001 (p/n 19922) Temp Range 135-286°F  GB **	VK1201 (p/n 22104) Temp Range 155-360°F  GB **		VK368 (p/n 21928) Temp Range 205°F  FL
11.2 K	VK536 (p/n 07961) Temp Range 155-286°F  GB	VK530 (p/n 09679) Temp Range 155-286°F  GB			

GB - Glass Bulb FL - Fusible Link
** - New XT1 Platform












(NOTE) The above photos are for illustrative purposes only and might not exactly match the sprinkler indicated. Always refer to the technical documentation on Viking's web site for product dimensions and physical characteristics.

- Viking sprinklers are available from the factory with three wraps of PTFE tape applied to the threads at an additional charge. To order, add a "T" to the end of the part number. See list price book for pricing details.
- Select 8.0 and 11.2 K-factor sprinklers are available with ½ NPT thread size FOR REPLACEMENT ONLY.
- The maximum working pressure for high pressure sprinklers is 250 psi, unless otherwise indicated.
- Wax coatings are available on select standard response sprinklers up to and including 286°F. The standard finish is brass.
- Cover plates and escutcheons are sold separately. Sprinklers, escutcheons, and cover plates are available in custom colors at an additional charge. See page F-8 of Viking's list price book for details.
- Polyester and PTFE sprinklers are suitable for decorative applications and are UL Listed for corrosion resistance.
- For corrosion resistance, Viking also offers several sprinklers that are UL Listed and/or FM Approved with Electroless Nickel PTFE (ENT) plating.

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Light and Ordinary Hazard

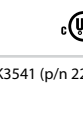



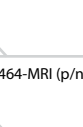





Quick Response

	Pendent	Flat Concealed Pendent	Upright	Horizontal Sidewall	Flat Concealed Horizontal Sidewall
5.6 K	VK3021 (p/n 19917, 23101 (HP)) Temp Range 135-286°F  GB **	VK4621 (p/n 13503A) Temp Range 155-200°F  GB **	VK3001 (p/n 19916, 23100 (HP)) Temp Range 135-286°F  GB **	VK305 (p/n 12997) Temp Range 135-286°F  GB ★	VK481 (p/n 17555) Temp Range 165-205°F  FL
8.0 K	VK3521 (p/n 19925) Temp Range 135-286°F  GB **	VK464 (p/n 13614A) Temp Range 155-200°F  GB	VK3501 (p/n 19924) Temp Range 135-286°F  GB **	VK360 (p/n 15591) Temp Range 135-200°F  GB	
11.2 K	VK377 (p/n 08337) Temp Range 155-286°F  GB		VK531 (p/n 10633) Temp Range 155-286°F  GB ★		

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*FM Approved as Standard Response only.
**New XT1 Platform







Additional Quick Response Sprinklers

	Conventional	Flush Pendent	Stainless Steel Upright/Pendent	Mirage® Concealed (MRI Room Sprinkler)	Mirage® Concealed (high pressure)
5.6 K	VK3101 (p/n 22101)  GB ** ★	VK402 (p/n 06702B)  FL	VK478 (p/n 19995)  GB	VK338 (p/n 14692) VK339 (p/n 14693)  GB	VK462-MRI (p/n 15480A) VK463 (p/n 13667A)  GB
8.0 K	VK3541 (p/n 22105)  GB ** ★			VK464-MRI (p/n 15481A)  GB	
5.6 K	High Pressure Pendent VK 317 (p/n 12282)  GB ** ★	High Pressure Upright VK315 (p/n 12281)  GB ** ★	High Pressure Horizontal Sidewall VK319 (p/n 12285)  GB ** ★		

GB - Glass Bulb
** - New XT1 Platform
FL - Fusible Link
★ - Also available in fusible link version.

Light and Ordinary Hazard









Standard Response

	Flat Plate Concealed	Flush Style	High Pressure Pendent	High Pressure Upright	High Pressure Horizontal Sidewall	Flat Concealed Horizontal Sidewall
5.6 K	VK4921 (p/n 20034)  GB	VK400 (p/n 06697B)  FL	VK122 (p/n 09992)  GB	VK124 (p/n 09993)  GB	VK116 (p/n 09849)  GB	VK481 (p/n 17555)  FL

* Please refer to the "Light, Ordinary, and Extra Hazard" table on page 1 for additional sprinkler options.

Light Hazard Only







Quick Response

	Pendent	Flat Concealed Pendent	Upright	Horizontal Sidewall	Vertical Sidewall
2.8 K	VK329 (p/n 12981) Temp Range 135-286°F  GB  ★	VK461 (p/n 13831A) Temp Range 155-200°F  GB  ★	VK325 (p/n 12980) Temp Range 135-286°F  GB  ★	VK333 (p/n 10035) Temp Range 135-286°F  GB  ★	
4.2 K	VK331 (p/n 06720B) Temp Range 135-286°F  GB  ★	VK465 (p/n 14262A) Temp Range 155-200°F  GB  ★	VK327 (p/n 06719B) Temp Range 135-286°F  GB  ★		
5.6 K	*	*	*	*	VK306 (p/n 12983) Temp Range 135-286°F  GB  ★

* Please refer to the "Quick Response" table on the preceding page for additional sprinkler options.

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Additional Quick Response Sprinklers

	High Pressure Pendent	High Pressure Upright	High Pressure Horizontal Sidewall
2.8 K	VK342 (p/n 12290)  GB  ★	VK340 (p/n 12286)  GB  ★	VK344 (p/n 12287)  GB  ★





GB - Glass Bulb

FL - Fusible Link

★ - Also available in fusible link version.

Light Hazard Only

Standard Response

	Horizontal Sidewall	Vertical Sidewall
5.6 K	VK104 (p/n 12995) Temp Range 135-360°F  GB  ★	VK106 (p/n 12996) Temp Range 135-286°F  GB  ★

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Cover Plates, Escutcheons, and Wrenches

Cover Plates and Escutcheons

Flat Cover Plate – Pendent
 (VK461, VK4621, VK463, VK464, VK465)
 Standard diameter (2-3/4")
 Thread on p/n 23190, Push on p/n 23447
 Large diameter (3-1/4")
 Thread on p/n 23174, Push on p/n 23463
 Square
 Thread on p/n 23179, Push on p/n 23482

Flat Cover Plate – Pendent (ELO)
 (VK469, VK636 EC, VK538 EC)
 Large diameter (3-1/4")
 Thread on p/n 23495, Push on p/n 15765

Flat Cover Plate – Sidewall (VK481)
 Base part number 16207

Domed Cover Plate - Pendent (VK352-D)
 Base part number 12381





Escutcheons (pendent sprinklers)
 1/2" slip-on (2 piece) – base part number 06419A
 3/4" slip-on (2 piece) – base part number 06420A

1/2" threaded (2 piece) – base part number 11038
 3/4" threaded (2 piece) – base part number 11625








1/2" std flat escutcheon – base part number 02960A
 3/4" std flat escutcheon – base part number 05464A

Ceiling rings for VK400/VK402 flush pendants sold separately. See Viking list price book for details.


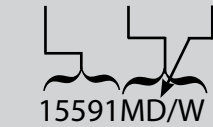
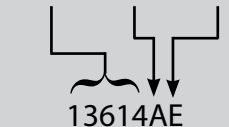
XT1 Sprinkler Wrenches

	22055	Part #	22055 (blue grip) 20901M/B (cabinet wrench)
	20901	Installer's/Standard Wrench	
		Part #	20951M/B
		Recessed Socket Wrench	
		Part #	22940MB
		Straight Wrench	

Select Sprinkler Wrenches

	Part #	21475M/B
	Use with all frame-style sprinklers and spray nozzles	
	Part #	13577W/B
	Use with domed concealed pendent, wax coated, and recessed pendent sprinklers with protective shields	
	Part #	13655W/B
	Use with recessed HSW sprinklers with protective shields and domed concealed HSW sprinklers	
	Part #	23143
	Viking's first plastic installation wrench to be used with the VK4621 and VK4921.	
	Part #	14047W/B
Heavy Duty	Use with Mirage® commercial concealed pendent sprinklers	
	Part #	22978MB
Heavy Duty	Use with VK4621 and VK4921	
	Part #	14031
Light Duty	Use with Mirage® commercial concealed pendent sprinklers	

To order, add desired finish (f) and temperature (t) suffix to end of base part number.

<p>Example 1 [base(f)(t)] VK530, Chrome, 155°F</p>  <p>09679FB</p>	<p>Example 2 [base(f)(t)] VK360, White, 175°F</p>  <p>15591MD/W</p>	<p>Example 3 [base(f)(t)] VK464, Brass, 200°F</p>  <p>13614AE</p>
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Temp Suffixes (t)		Finish Suffixes (f)	
135°F	A	Brass	A
155°F	B	Chrome	F
165°F	C	White-Poly	M-/W
175°F	D	Black Poly	M-/B
200°F / 205°F	E	Wax Coated	C
280°F /286°F	G	Poly w/Wax	V-/W
360°F	H	ENT*	JN
500°F	L		
Open	Z		

*Electroless Nickel PTFE

